

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000844.D
 Acq On : 03 Dec 2019 17:25
 Operator : SY/MD
 Sample : K6120-03
 Misc : 7.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 04 00:58:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	236018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	454830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	405012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175911	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	152001	60.61	ug/l	0.00
Spiked Amount			Recovery	=	121.22%	
35) Dibromofluoromethane	7.73	113	134415	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
50) Toluene-d8	10.18	98	541479	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.48	95	180533	45.36	ug/l	0.00
Spiked Amount			Recovery	=	90.72%	

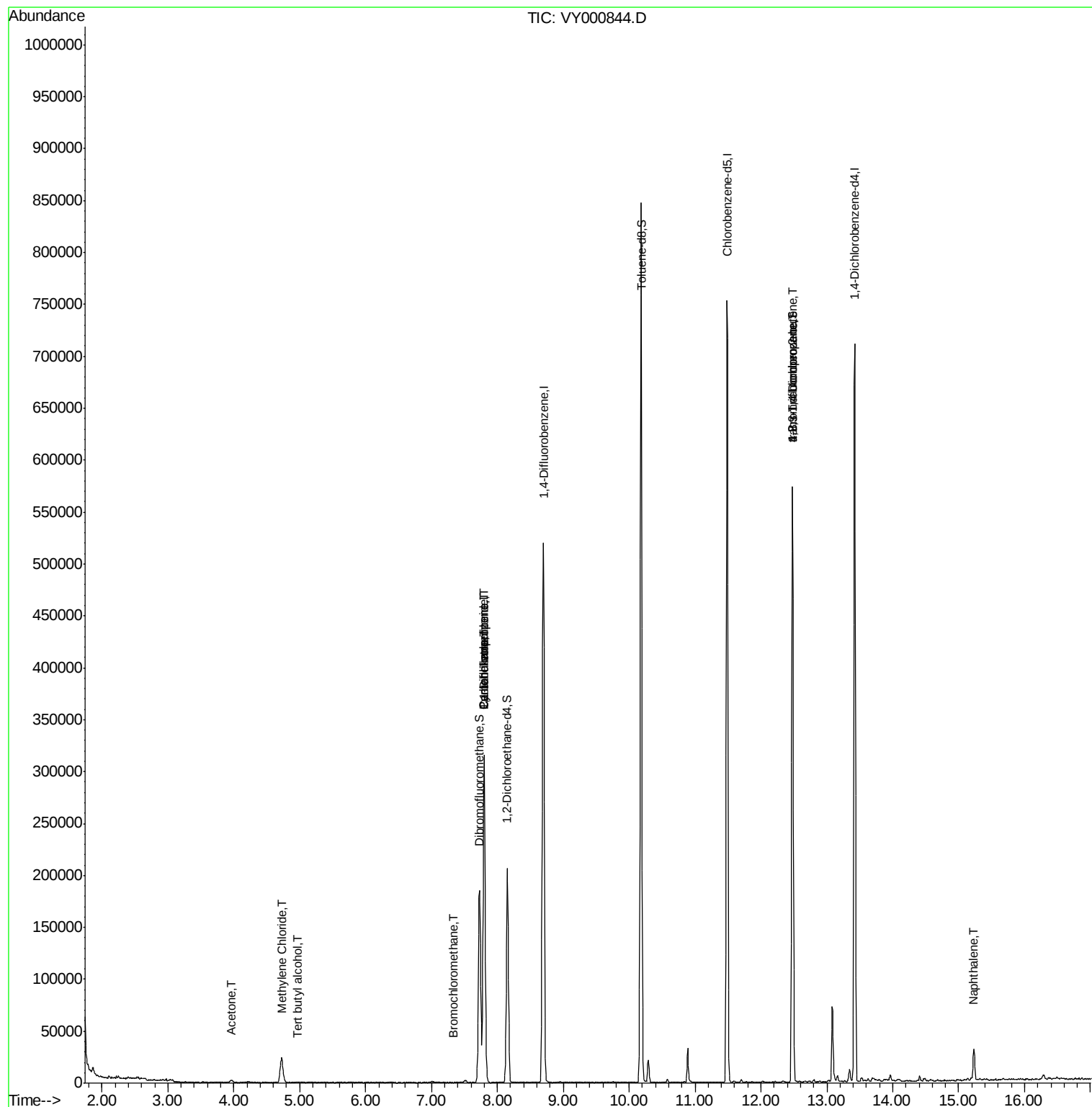
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.63	94	63	Below Cal	#	3
11) Tert butyl alcohol	4.97	59	295	1.169	ug/l #	74
16) Acetone	3.96	43	3831	6.659	ug/l	91
20) Methylene Chloride	4.72	84	17483	5.765	ug/l #	85
28) Bromochloromethane	7.33	49	73	2.054	ug/l #	15
31) Cyclohexane	7.80	56	5508	1.034	ug/l #	21
36) 1,1-Dichloropropene	7.80	75	19707	4.358	ug/l #	50
38) Carbon Tetrachloride	7.80	117	23923	5.940	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	93220	46.772	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	93220	91.874	ug/l #	17
95) Naphthalene	15.23	128	24894	2.957	ug/l	98

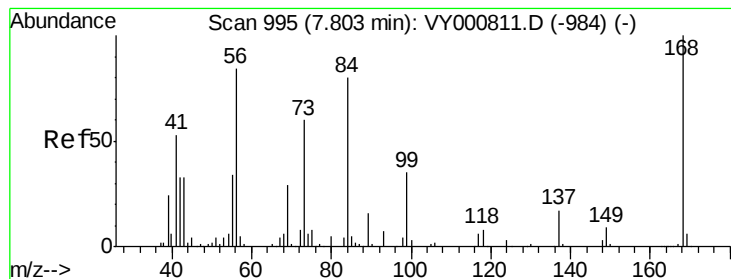
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
Data File : VY000844.D
Acq On : 03 Dec 2019 17:25
Operator : SY/MD
Sample : K6120-03
Misc : 7.92G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 04 00:58:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 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: VY000844.D

Acq: 03 Dec 2019 17:25

Instrument :

MSVOA_Y

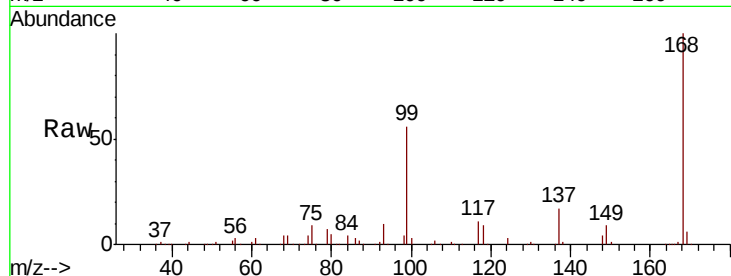
ClientSampled :

Tot Ion:168 Resp: 236018

Ion Ratio Lower Upper

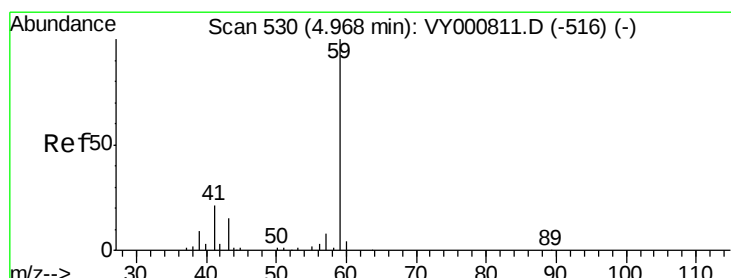
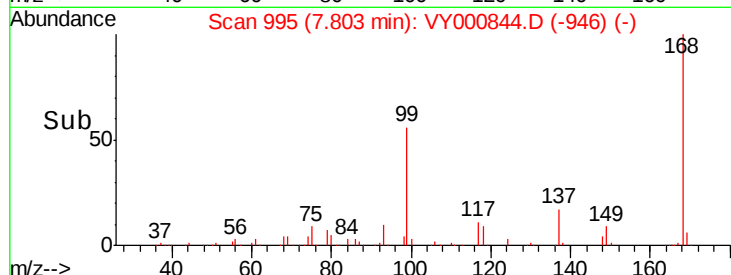
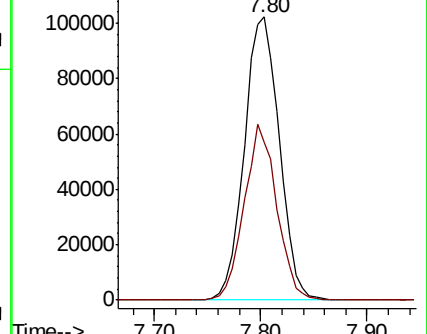
168 100

99 55.9 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)



#11

Tert butyl alcohol

Concen: 1.169 ug/l

RT: 4.97 min Scan# 530

Delta R.T. -0.00 min

Lab File: VY000844.D

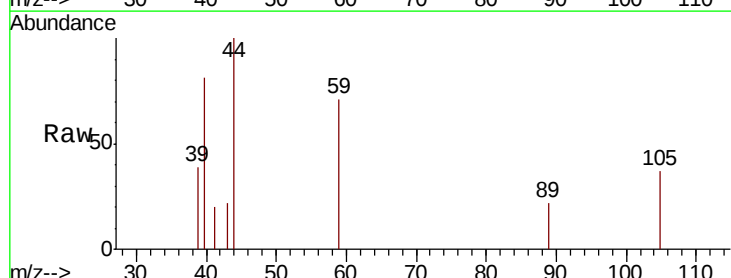
Acq: 03 Dec 2019 17:25

Tgt Ion: 59 Resp: 295

Ion Ratio Lower Upper

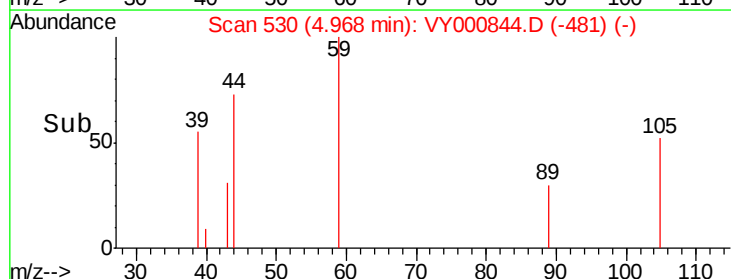
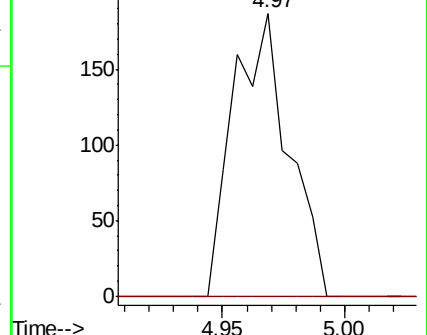
59 100

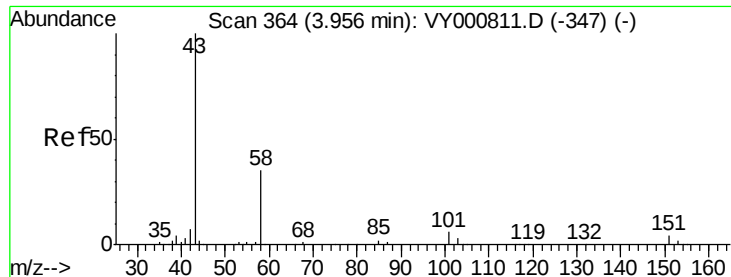
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VY000811.D (-516) (-)

Ion 57.00 (56.70 to 57.70): VY000811.D (-516) (-)





#16

Acetone

Concen: 6.659 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000844.D

Acq: 03 Dec 2019 17:25

Instrument :

MSVOA_Y

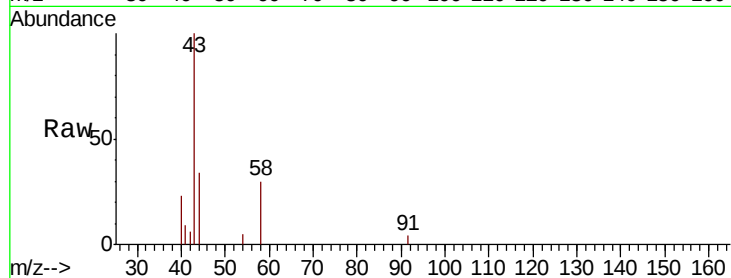
ClientSampleId :

Tot Ion: 43 Resp: 3831

Ion Ratio Lower Upper

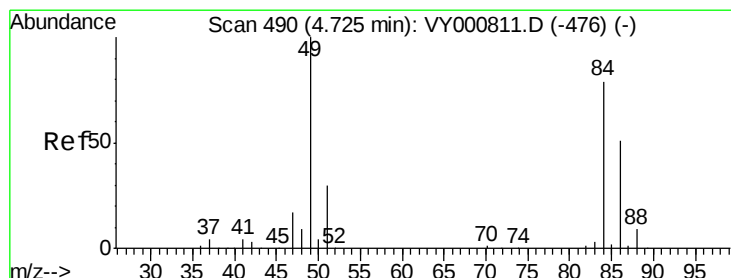
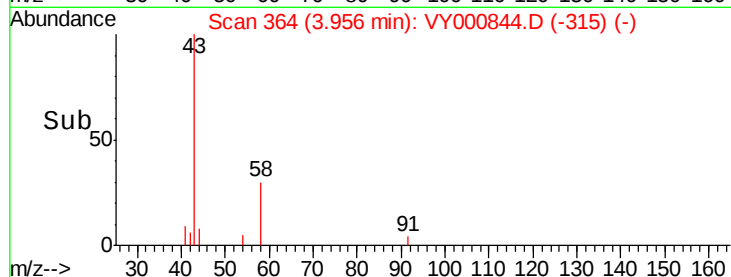
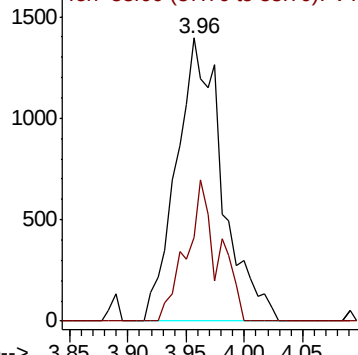
43 100

58 29.7 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 5.765 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000844.D

Acq: 03 Dec 2019 17:25

Tgt Ion: 84 Resp: 17483

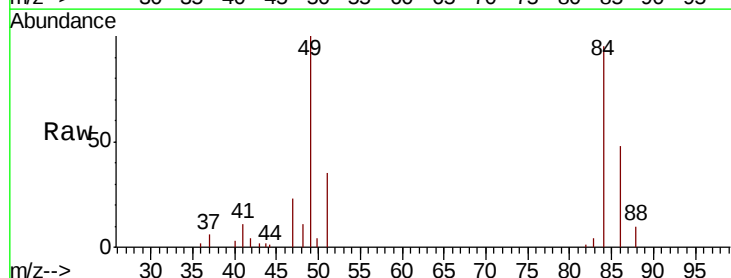
Ion Ratio Lower Upper

84 100

49 105.6 101.3 151.9

51 37.5 30.6 45.8

86 51.2 51.3 76.9#

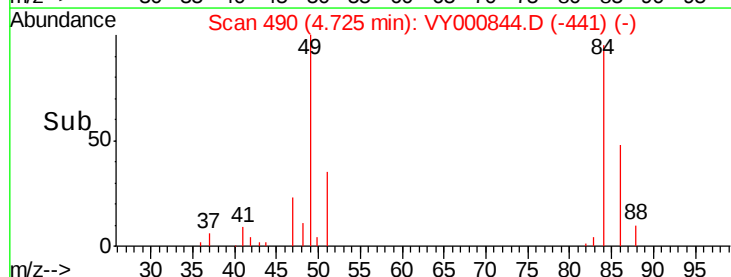
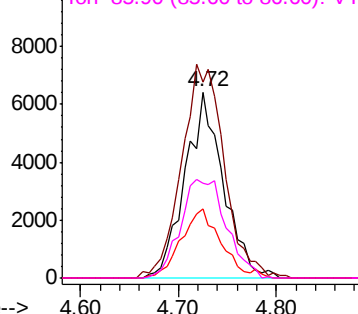


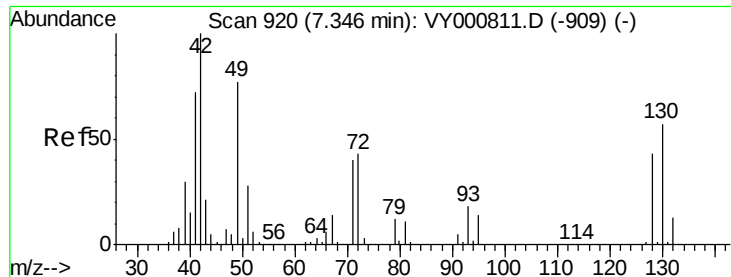
Abundance Ion 83.90 (83.60 to 84.60): VY0

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





#28

Bromochloromethane

Concen: 2.054 ug/l

RT: 7.33 min Scan# 918

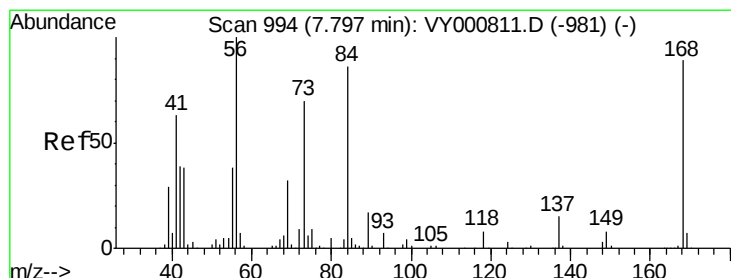
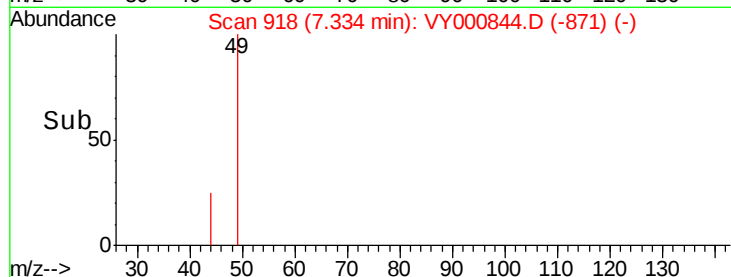
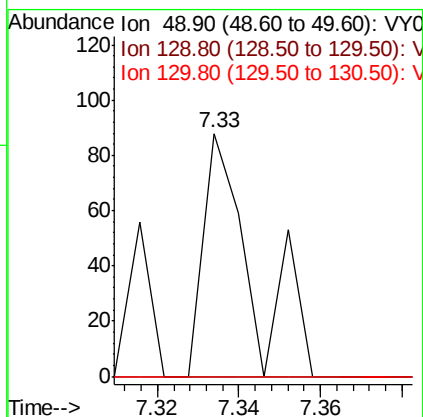
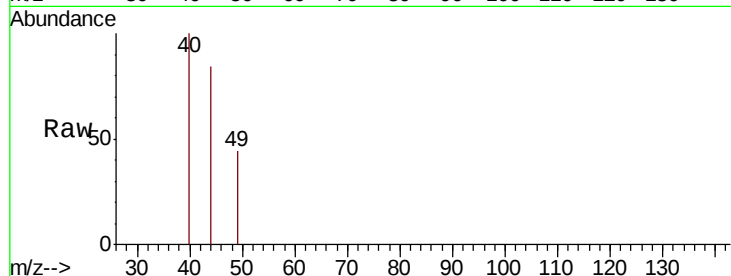
Delta R.T. -0.01 min

Lab File: VY000844.D

Acq: 03 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	49	Resp:	73
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	58.7	88.1#



#31

Cyclohexane

Concen: 1.034 ug/l

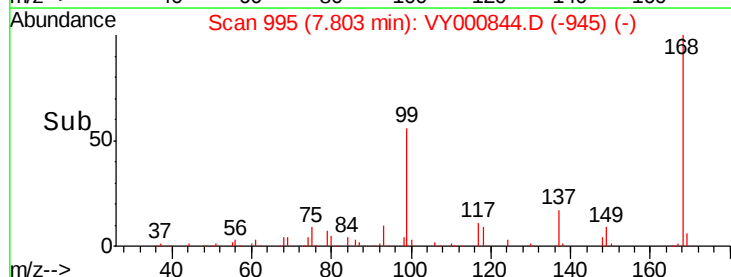
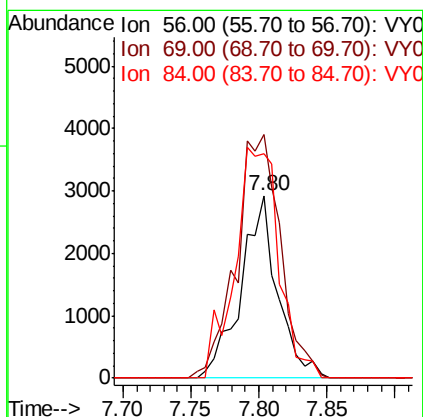
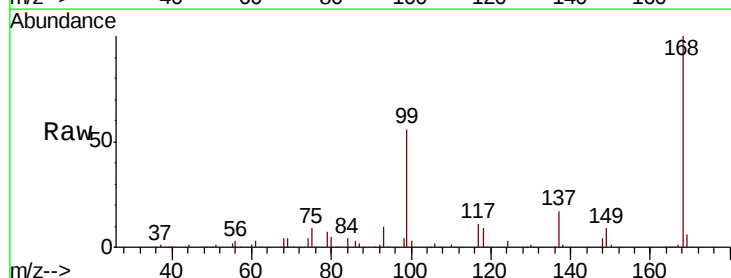
RT: 7.80 min Scan# 995

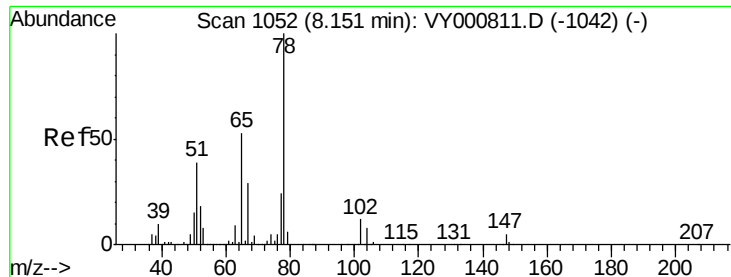
Delta R.T. 0.01 min

Lab File: VY000844.D

Acq: 03 Dec 2019 17:25

Tgt Ion:	56	Resp:	5508
Ion	Ratio	Lower	Upper
56	100		
69	133.4	25.9	38.9#
84	123.2	68.6	102.8#

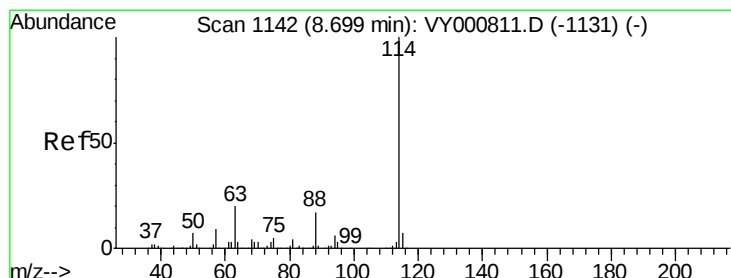
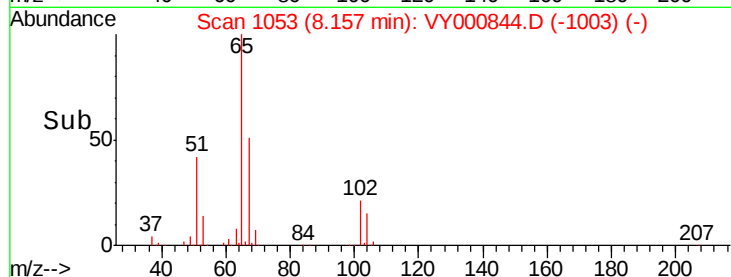
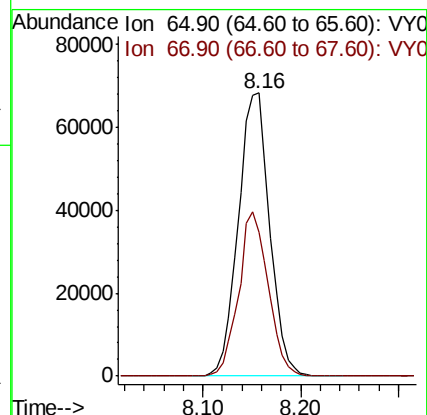
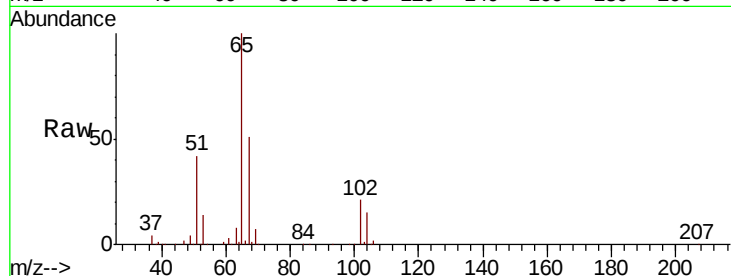




#33
 1,2-Dichloroethane-d4
 Concen: 60.609 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000844.D
 Acq: 03 Dec 2019 17:25

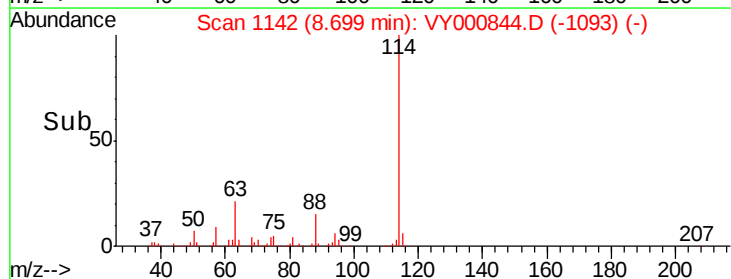
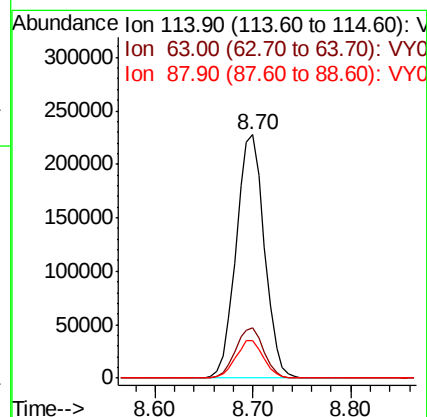
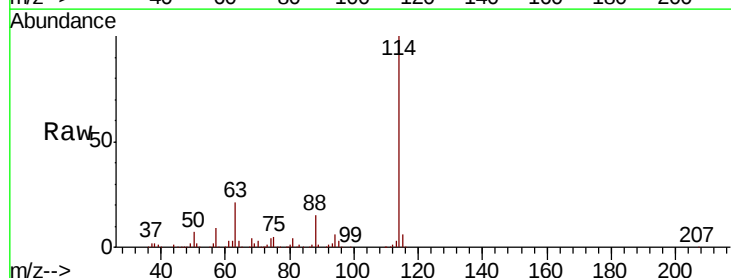
Instrument :
 MSVOA_Y
 ClientSampleId :

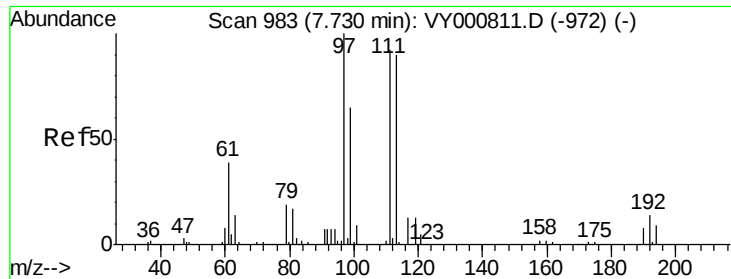
Tot Ion: 65 Resp: 152001
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000844.D
 Acq: 03 Dec 2019 17:25

Tgt Ion: 114 Resp: 454830
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.8
 88 15.4 0.0 33.2

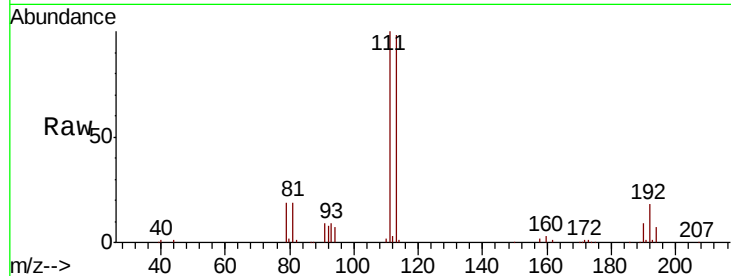




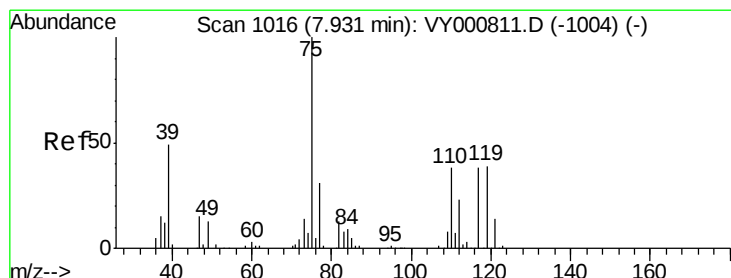
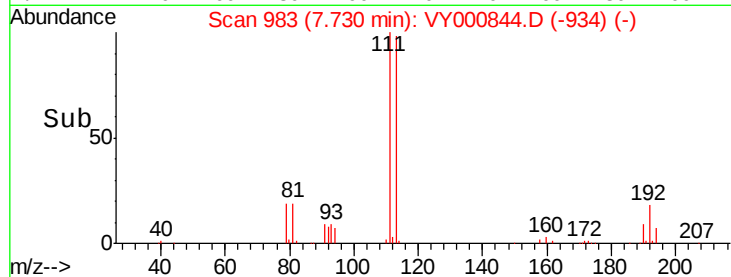
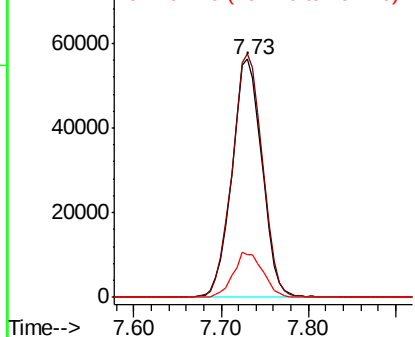
#35
 Dibromofluoromethane
 Concen: 50.708 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000844.D
 Acq: 03 Dec 2019 17:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 134415
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 18.6 14.2 21.2

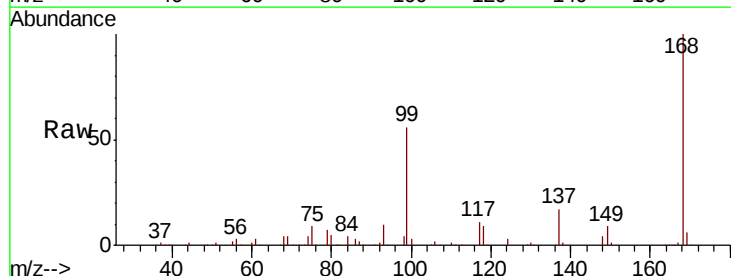


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

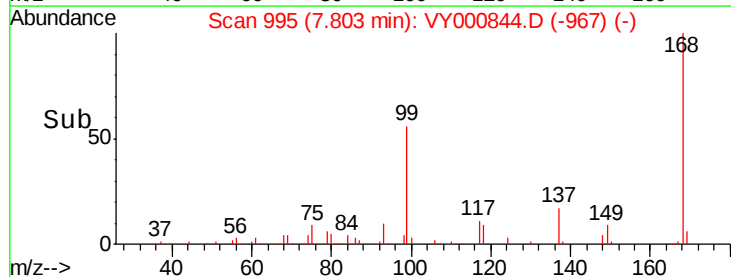
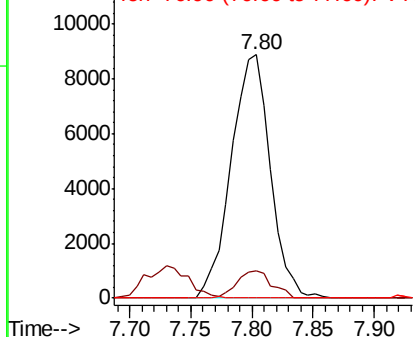


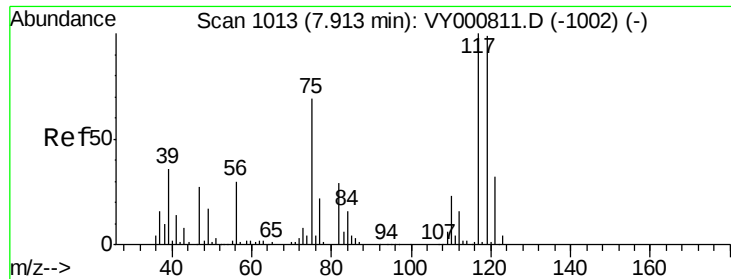
#36
 1,1-Dichloropropene
 Concen: 4.358 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000844.D
 Acq: 03 Dec 2019 17:25

Tgt Ion: 75 Resp: 19707
 Ion Ratio Lower Upper
 75 100
 110 9.9 17.9 53.7#
 77 0.0 24.7 37.1#



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

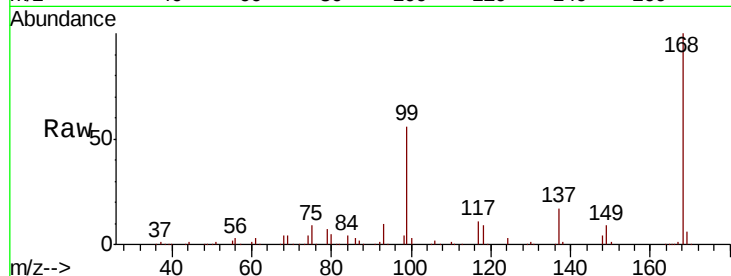




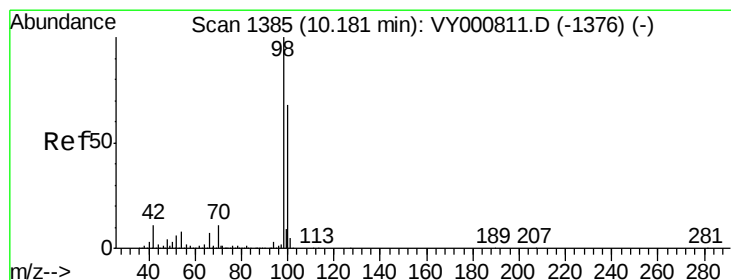
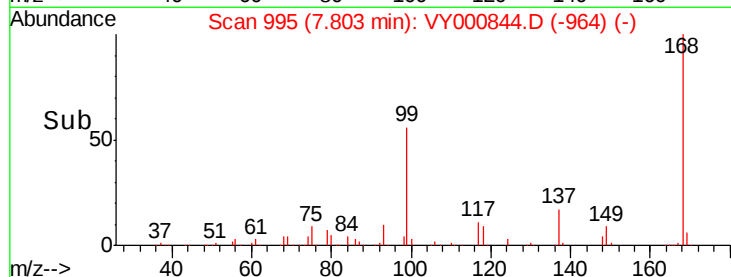
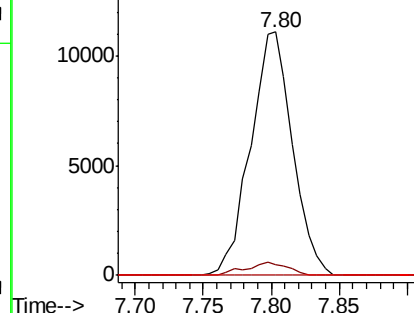
#38
Carbon Tetrachloride
Concen: 5.940 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 23923
Ion Ratio Lower Upper
117 100
119 4.3 79.3 118.9#
121 0.0 25.5 38.3#

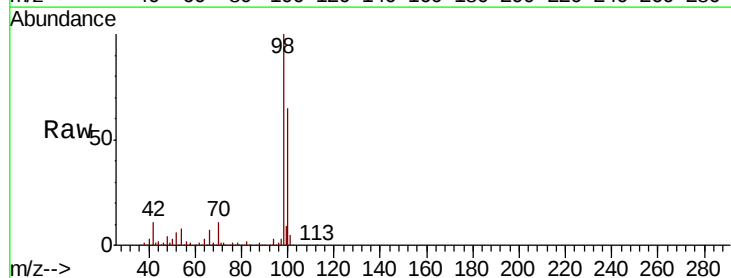


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

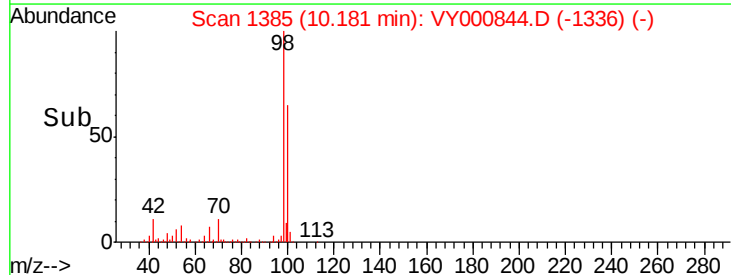
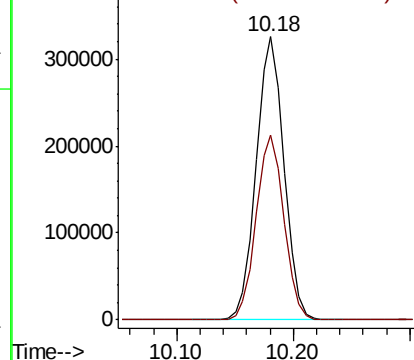


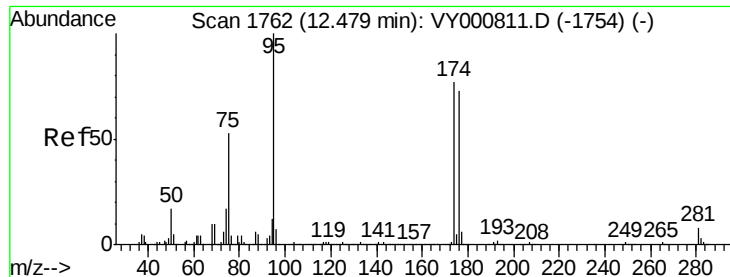
#50
Toluene-d8
Concen: 51.095 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

Tgt Ion: 98 Resp: 541479
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



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

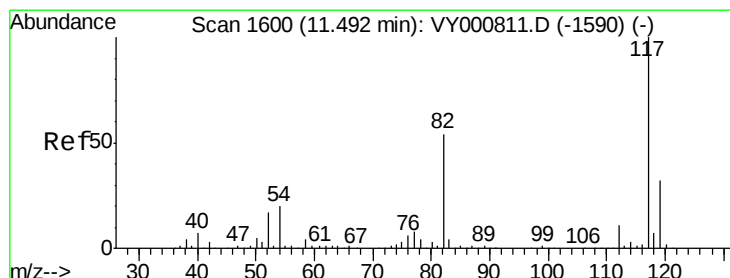
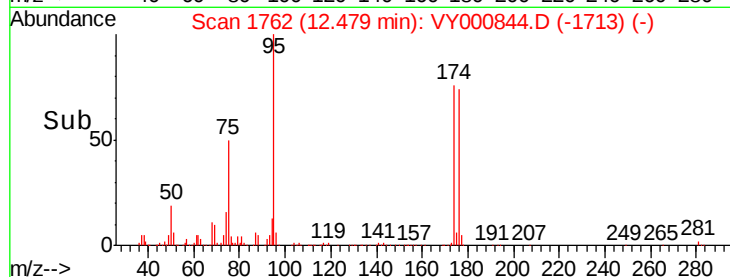
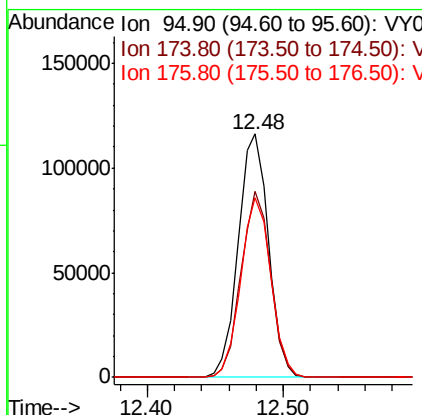
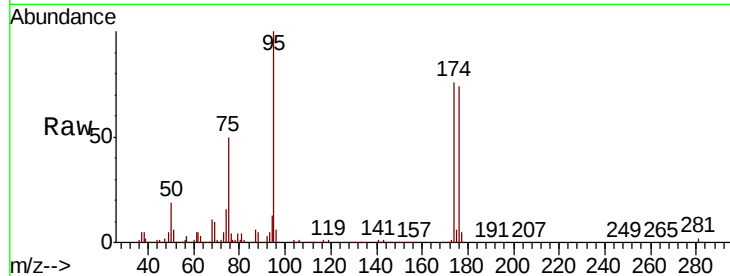




#62
4-Bromofluorobenzene
Concen: 45.361 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

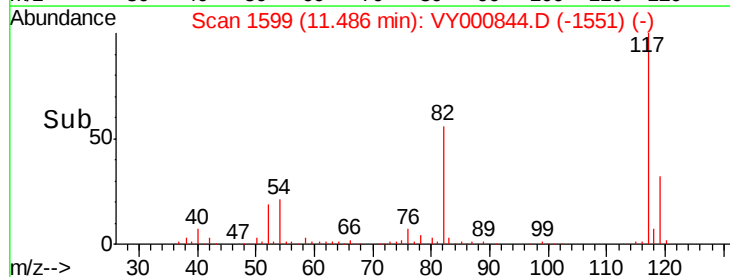
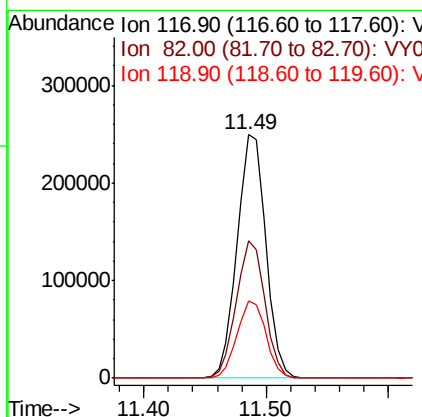
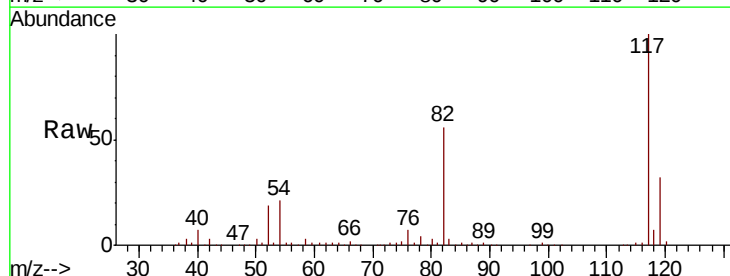
Instrument :
MSVOA_Y
ClientSampleId :

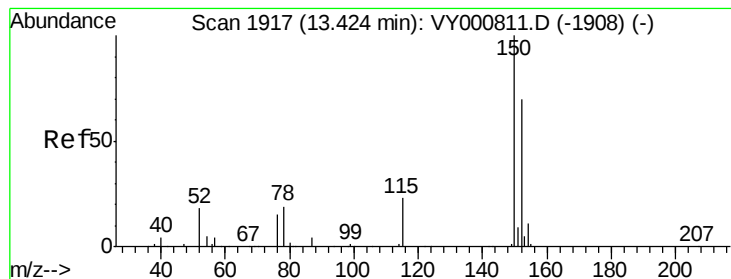
Tot Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	150.6
176	73.5	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.1	64.7
119	31.7	25.3	37.9



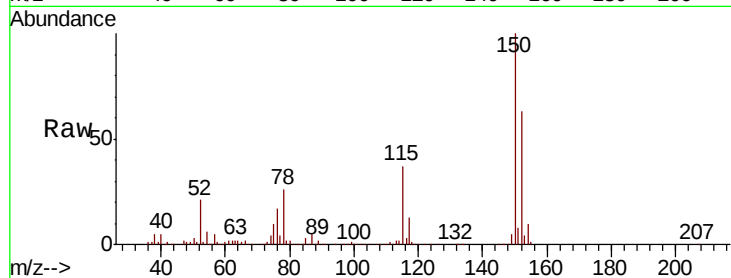


#72

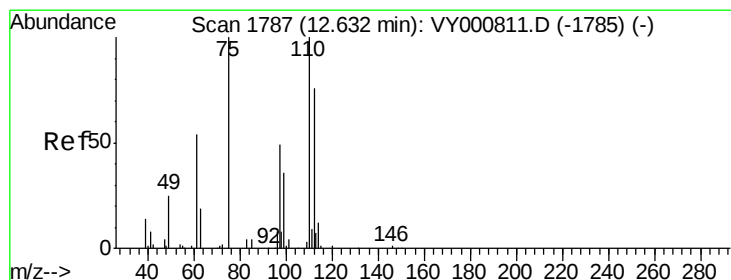
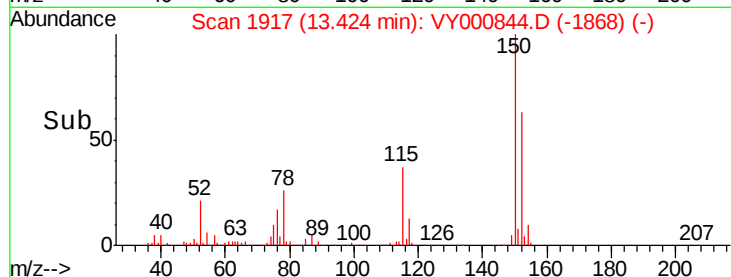
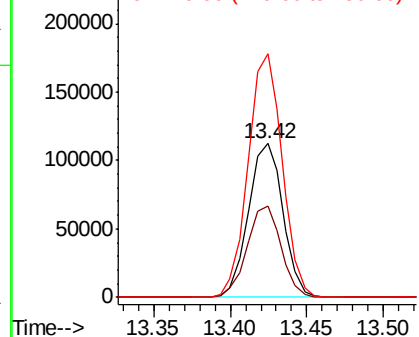
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:152 Resp: 175911
Ion Ratio Lower Upper
152 100
115 58.5 29.3 87.8
150 156.0 0.0 351.2



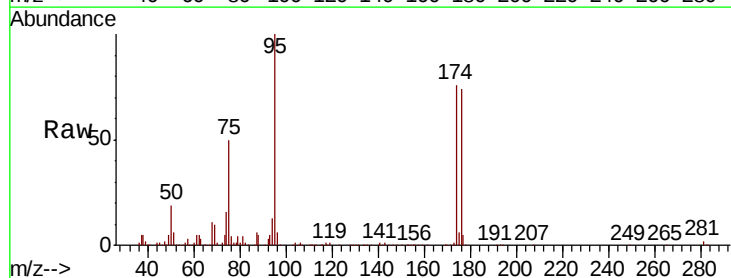
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



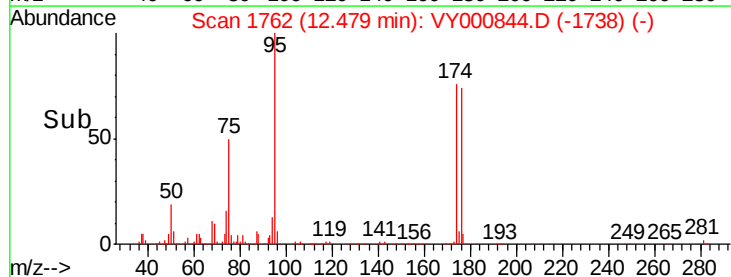
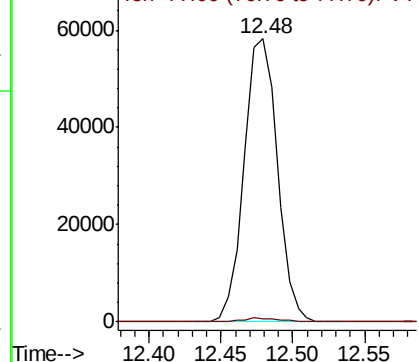
#76

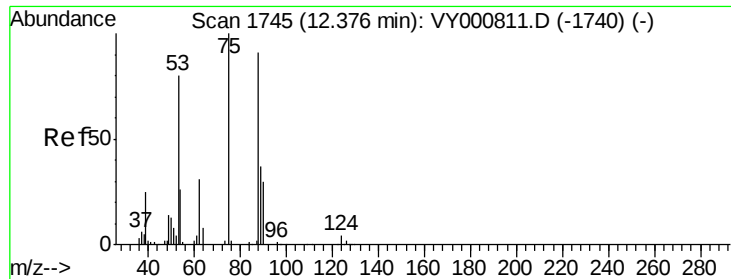
1,2,3-Trichloropropane
Concen: 46.772 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000844.D
Acq: 03 Dec 2019 17:25

Tgt Ion: 75 Resp: 93220
Ion Ratio Lower Upper
75 100
77 1.5 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: 91.874 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000844.D

Acq: 03 Dec 2019 17:25

Instrument :

MSVOA_Y

ClientSampleId :

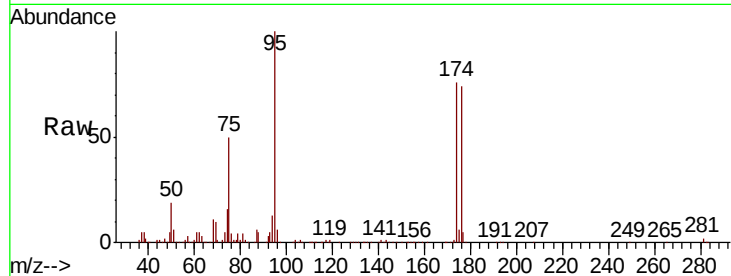
Tot Ion: 75 Resp: 93220

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

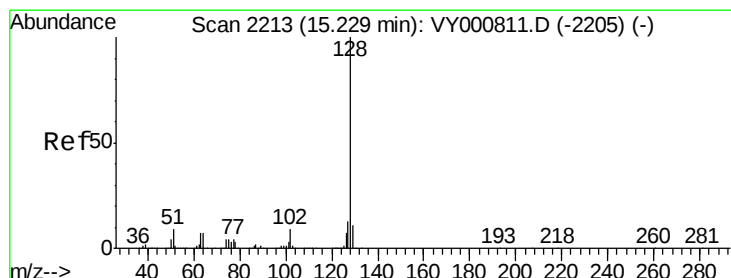
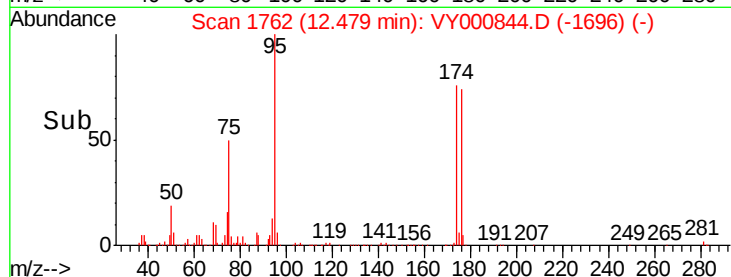
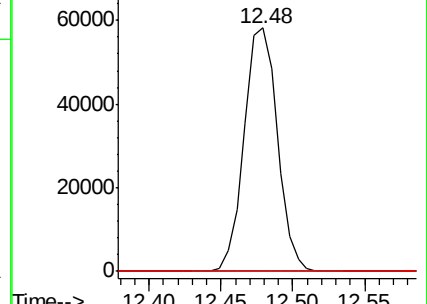
89 0.0 33.6 50.4#



Abundance Ion 74.90 (74.60 to 75.60): VY000811.D (-1740) (-)

Ion 53.00 (52.70 to 53.70): VY000811.D (-1740) (-)

Ion 88.90 (88.60 to 89.60): VY000811.D (-1740) (-)



#95

Naphthalene

Concen: 2.957 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY000844.D

Acq: 03 Dec 2019 17:25

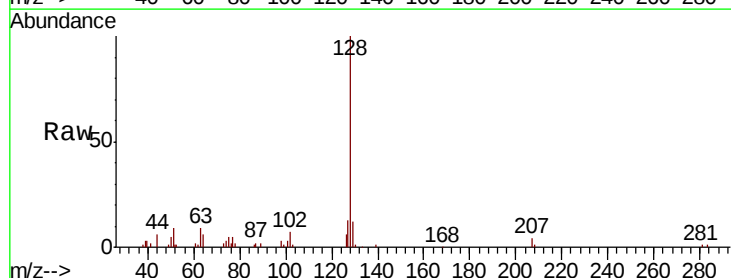
Tgt Ion: 128 Resp: 24894

Ion Ratio Lower Upper

128 100

127 11.5 10.1 15.1

129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): VY000811.D (-2205) (-)

Ion 127.00 (126.70 to 127.70): VY000811.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VY000811.D (-2205) (-)

